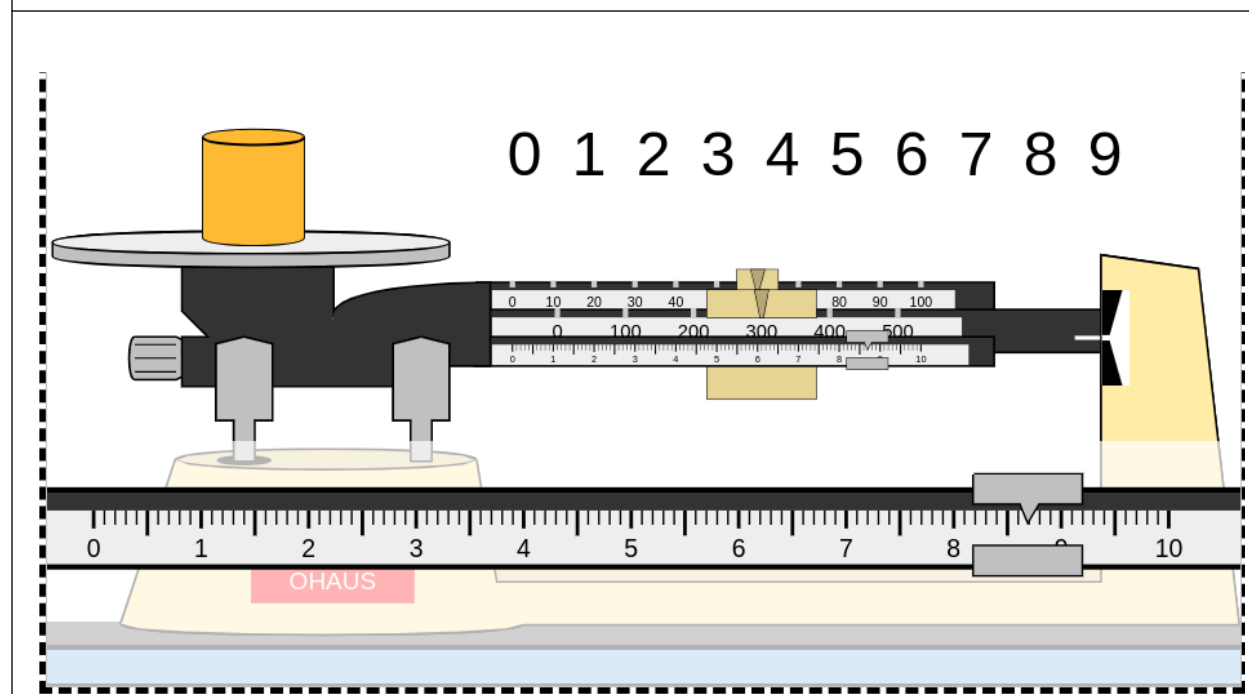Chemistry
Ticket Out the Door
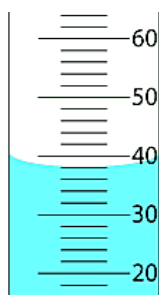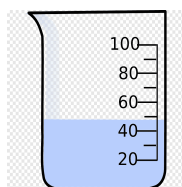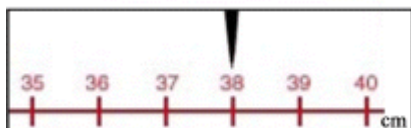Set 1: Significant Figures

Name _____ Period _____

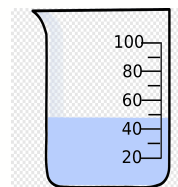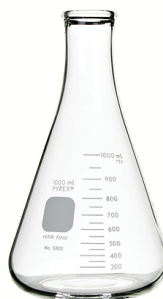| **Skill 1.1 Exercise 1** |
| (a) Record the measurement for each of the following (INCLUDE UNITS!)
(b) Identify the uncertainty |
| |
| |
| |
| |

Name _____ Period _____

Skill 1.2 Exercise 1
For each of the measurements in the previous problem, identify the number of significant figures.
A student needs to measure 50 mL of a liquid. Which measuring device would provide the measurement with the most significant figures?
How many jelly beans are in the jar? How many significant figures are in your estimate?

Skill 1.2 Exercise 2		
How many significant figures are there in each of the following?		
0.001 kg	0.00010 m	500 jelly beans
550. jelly beans	2.6000000 g	200.001 g
0.0100 g	100.01 g	20.010 g

Skill 1.3 Exercise 1		
Round each of the following		
0.00010 m to 1 significant	figure0.999 kg to 2 significant figures	550. to 1 significant figure
558. jelly beans to the 10s place	2.687 g to the 10ths place	200.999 g to the hundredths place